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In order to simplify the Index wherever a patent abstract gives both the name of a firm and individuals, that abstract has been indexed under the name of the firm only.

When no firm is indicated the authors' names have been arranged alphabetically, the entry appearing under the first name with cross references from the others.

Names beginning de, la, le, ter, van, von, etc., are indexed under the surname.

Abbreviations of Names of Firms, etc.

The abbreviations listed below have been employed in the *Journal*. The shortened names of firms have been used in abstracts of patent specifications, while those abbreviations in the form of initials have been used after the commercial names of dyes.

AAP	American Aniline Products Inc.
AATCC ...	American Association of Textile Chemists and Colorists
Basf	Badische Anilin- & Soda-Fabrik
Br	Brotherton & Co. Ltd.
BrC	British Celanese Ltd.
CAC	Clayton Aniline Co. Ltd.
CCC	American Cyanamid Co., Calco Chemical Division
CFM	Cassella Farbwerke Mainkur
Ciba	Ciba Ltd.
DH	Durand & Huguenin S.A.
DuP	E. I. du Pont de Nemours & Co. Inc.
FBy	Farbenfabriken Bayer
FH	Farbwerke Hoechst
Fran	Société Anonyme de Matières Colorantes et Produits Chimiques Francolor
	Compagnie Française des Matières Colorantes
G	General Dyestuff Corpn.
General Aniline	General Aniline & Film Corpn.
Gevaert ...	Gevaert Photo-Producten N.V.
Gy	J. R. Geigy A.-G.
IC	Interchemical Corpn.
ICI	Imperial Chemical Industries Ltd.
JR	James Robinson & Co. Ltd.
LBH	L. B. Holliday & Co. Ltd.
Monsanto ...	Monsanto Chemical Co.
NAC	Allied Chemical & Dye Corpn., National Aniline Division
NCO	Naphtol-Chemie Offenbach
Rhône-Poulenc	Société des Usines Chimiques Rhône-Poulenc
S	Sandoz Ltd.
TE	Tennessee Eastman Corpn.
W	Williams (Hounslow) Ltd.
YDC	Yorkshire Dyeware & Chemical Co. Ltd.

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For the sake of simplicity and to avoid unnecessary cross references the following system has been adopted—

Acids, Agents, Dyes, Fibres, Oils, etc. are indexed under the qualifying term. For example Dyes are entered under Acid, Azo, Direct, Disperse, Sulphur, Vat, etc. dyes.

Products described as Artificial, Imitation, Synthetic, etc. are indexed under the noun they describe.

Wherever possible polymeric compounds are indexed together and, in the case of copolymers, one entry only appears with the components arranged alphabetically.

So many systems are adopted for chemical names in the various journals abstracted that, in order to bring together as many as possible, they have, in general, been indexed under the parent group followed by the substituents arranged alphabetically.

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With Abbreviated Titles used

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Abbreviated Title	Journal	Address of Publisher
Amer. Dyestuff Rep.	American Dyestuff Reporter	44 E. 23rd Street, New York 10, N.Y., U.S.A.
Anal. Chem.	Analytical Chemistry	American Chemical Society, 20th and Northampton Streets, Easton, Pa., U.S.A.
Analyst	Analyst	7–8 Idol Lane, London E.C.3.
A.S.T.M. Bulletin	A.S.T.M. Bulletin	American Society for Testing Materials, 20th and Northampton Streets, Easton, Pa., U.S.A.
Biochem. J.	Biochemical Journal	Cambridge University Press, Bentley House, 200 Euston Road, London N.W.1.
Bull. Assocn. Française Chim. Ind. Cuir	Bulletin de l'Association des Chimistes des Industries du Cuir et Documents Scientifiques et Techniques des Industries du Cuir	54 rue René-Boulanger, Paris X, France.
Bull. Chem. Soc. Japan	Bulletin of the Chemical Society of Japan	5, 1-Chome, Surugadai-Kanda, Chiyoda-ku, Tokyo, Japan.
Bull. Inst. Text. France	Bulletin de l'Institut Textile de France	59 Rue de la Faisanderie, Paris XVI.
Bull. Soc. chim. Belg.	Bulletin des Sociétés chimiques Belges	Mme Bogaert, Société Chimique de Belgique, 28 Avenue Armand-Huysmans, Bruxelles, Belgium.
Bur. Stand. J. Res.	Journal of Research of the National Bureau of Standards	Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C., U.S.A.
Canadian J. Chem.	Canadian Journal of Chemistry	National Research Council, Ottawa, Canada.
Canadian J. Physics	Canadian Journal of Physics	National Research Council, Ottawa, Canada.
Canadian J. Technol.	Canadian Journal of Technology	National Research Council, Ottawa, Canada.
Canadian Textile J.	Canadian Textile Journal	Canadian Textile Journal Publishing Co. Ltd., 223 Victoria Avenue, Westmount, Montreal 6, Canada.
Chem. Abs.	Chemical Abstracts	American Chemical Society, 1155 16th Street, N.W., Washington 6, D.C., U.S.A.
Chem. and Ind.	Chemistry and Industry	56 Victoria Street, London S.W.1.
Chem. Trade J.	Chemical Trade Journal	Davis Bros. (C.T.J.) Ltd., 147–149 Grand Buildings, Trafalgar Square, London W.C.2.
Chim. et Ind.	Chimie et Industrie	28 rue St.-Dominique, Paris VII, France.
Ciba Review	Ciba Review	Ciba Ltd., Basle, Switzerland.
Doklady Akad. Nauk S.S.S.R.	Doklady Akademii Nauk S.S.S.R.	Academy of Sciences of the U.S.S.R., Leningrad 164, V.O., Tamozhenny pereulok 2, U.S.S.R.
Dyer	Dyer, Textile Printer, Bleacher and Finisher	Heywood & Co. Ltd., Drury House, Russell Street, Drury Lane, London W.C.2.
Endeavour	Endeavour	Imperial Chemical Industries Ltd., Nobel House, Buckingham Gate, London S.W.1.
Faserforsch. und Textiltech.	Faserforschung und Textiltechnik	Akademie-Verlag G.m.b.H., Berlin N.W.7, Schiffbauer damm 19, Germany.
Fibre Res. Inst., Delft (Pub.)	Mededeling van het Vezelinstituut	Vezelinstituut T.N.O., Delft, Holland.
Helv. Chim. Acta	Helvetica Chimica Acta	Verlag Helvetica Chimica Acta, Basle 7, Switzerland.
Ind. Eng. Chem.	Industrial and Engineering Chemistry	American Chemical Society, 1155 16th Street, N.W., Washington 6, D.C., U.S.A.
Indian Textile J.	Indian Textile Journal	The Indian Textile Journal Ltd., "Surya Mahal", Military Square, Fort, Bombay, India.
Izvestiya Akad. Nauk S.S.S.R.	Izvestiya Akademii Nauk S.S.S.R.	Academy of Sciences of the U.S.S.R., Leningrad 164, V.O., Tamozhenny pereulok 2, U.S.S.R.
J. Amer. Chem. Soc.	Journal of the American Chemical Society	1155 16th Street, N.W., Washington 6, D.C., U.S.A.
J. Amer. Leather Chem. Assocn.	Journal of the American Leather Chemists' Association	228 North Green Street, Easton, Pennsylvania, U.S.A.
J. Amer. Oil Chem. Assocn.	Journal of the American Oil Chemists' Association	35 E. Wacker Drive, Chicago, Illinois, U.S.A.
J. Appl. Chem.	Journal of Applied Chemistry	Society of Chemical Industry, 56 Victoria Street, London S.W.1.
J. Appl. Chem. U.S.S.R.	Zhurnal prikladnoy Khimii (Journal of Applied Chemistry of the U.S.S.R.)	Academy of Sciences of the U.S.S.R., Leningrad 164, V.O., Tamozhenny pereulok 2, U.S.S.R.
J. Assocn. Off. Agric. Chem.	Journal of the Association of Official Agricultural Chemists	Association of Official Agricultural Chemists, Washington, D.C., U.S.A.
J. Biol. Chem.	Journal of Biological Chemistry	Mount Royal and Guilford Avenues, Baltimore 2, U.S.A.
J.C.S.	Journal of the Chemical Society	Burlington House, London W.1.
J. Gen. Chem. U.S.S.R.	Zhurnal Obshchey Khimii (Journal of General Chemistry of the U.S.S.R.)	Academy of Sciences of the U.S.S.R., Leningrad 164, V.O., Tamozhenny pereulok 2, U.S.S.R.
J. Indian Chem. Soc.	Journal of the Indian Chemical Society	92 Upper Circular Road, Calcutta 9, India.
J. Oil & Col. Chem. Assocn.	Journal of the Oil and Colour Chemists' Association	Memorial Hall, Farringdon Street, London E.C.4.
J. Physical Chem.	Journal of Physical Chemistry	American Chemical Society, 20th and Northamton Streets, Easton, Pa., U.S.A.
J. Polymer Sci.	Journal of Polymer Science	Interscience Publishers Inc., Northampton Street, Easton, Pa., U.S.A.
J. Roy. Inst. Chem.	Journal of the Royal Institute of Chemistry	Royal Institute of Chemistry, 30 Russell Square, London W.C.1.
J. Soc. Leather Trades Chem.	Journal of the Society of Leather Trades Chemists	"Craigieburn", Duppas Hill Road, Croydon, Surrey.
J. Textile Inst.	Journal of the Textile Institute	10 Blackfriars Street, Manchester 3.
Kolloid-Z.	Kolloid Zeitschrift	Verlag Dr. Dietrich Steinkopff, Darmstadt, Holzhofallee 35, Germany.
Lab. Practice	Laboratory Practice	United Trade Press Ltd., 24 Bride Lane, Fleet Street, London E.C.4.
Melliand Textilber.	Melliand Textilberichte	Melliand Textilberichte, Ebertplatz 3, Postfach 181, Heidelberg, Germany.
Mh. Chem.	Monatshefte für Chemie und verwandte Teile anderer Wissenschaften	Springer-Verlag, Wien I, Mölkerbastei 5, Austria.
Modern Textiles	Modern Textiles	303 Fifth Avenue, New York 16, N.Y., U.S.A.
Nature	Nature	Macmillan & Co. Ltd., St. Martin's Street, London W.C.2.
Norsk Tekstil Tid.	Norsk Tekstil Tidende	Norsk Tekstil Tidende, Prof. Hansteensgt. 18, Bergen, Norway.
Proc. Tech. Sects. British Paper & Board Makers' Assocn.	Proceedings of the Technical Section of the British Paper & Board Makers' Assocn. (Inc.)	British Paper & Board Makers' Assocn. (Inc.), St. Winifreds, Welcomes Road, Kenley, Surrey.
Quarterly Review	Quarterly Review	The Chemical Society, Burlington House, Piccadilly, London W.1.
Rec. Trav. chim.	Recueil des Travaux chimiques des Pays-Bas	Lange Voorhout 5, 's-Gravenhage, Holland.
Rev. Tech. Ind. Cuir	Revue Technique des Industries du Cuir	Journaux "Le Cuir", 54 Rue René-Boulanger, Paris (10e).

LIST OF PERIODICALS ABSTRACTED—*continued*

Abbreviated Title	Journal	Address of Publisher
Silk and Rayon	Skinner's Silk and Rayon Record	8t. James House, 44 Brazennose Street, Manchester 2.
Svensk Papperstidning	Svensk Papperstidning	S. Blasieholmshamnen 4A, Stockholm, Sweden.
Teintex	Teintex, incorporating Revue Générale des Matières Colorantes	60 rue Richelieu, Paris II, France.
Tex	De Tex	Klosterstraat 17, Enschede, Holland.
Text. Manuf.	Textile Manufacturer	31 King Street West, Manchester 3.
Text. Rec.	Textile Recorder	Old Colony House, South King Street, Manchester 2.
Text. Research J.	Textile Research Journal	Lancaster Press Inc., Prince and Lemon Streets, Lancaster, Pennsylvania, U.S.A.
Textil Praxis	Textil Praxis	Konradin-Verlag Robert Kohlhammer, Stuttgart 8, Danneckerstrasse 52, Germany.
Textil-Rund.	Textil-Rundschau	Verlag Zollikofer & Co., St. Gallen, Switzerland.
Textile J. of Australia	Textile Journal of Australia	19–47 Jeffcott Street, Melbourne, Australia.
Trans. Faraday Soc.	Transactions of the Faraday Society	Aberdeen University Press Ltd., 6 Upper Kirkgate, Aberdeen, Scotland.
Z. ges. Textilind.	Zeitschrift für die gesamte Textilindustrie	München-Gladbach, Lüpertsender Strasse 157–163, Germany.

Abbreviations and Symbols used in the *Journal of the Society of Dyers and Colourists*

No distinction is made in abbreviations between singular and plural

In special cases abbreviations and symbols other than those in the list may be used, but as far as possible they will be as given either in standard English dictionaries or in *British Standard* 1991 : Part 1 : 1954

absolute	abs.	Fahrenheit	F.
acid value	A.V.	foot	ft.
alkyl radical (in chemical formula)	Alk	freezing point	f.p.
alternating current	A.C.	French Patent	*FP*
ampère	amp.	gallon (Imperial)	gal.
Angström unit	A.	gallon (U.S.A.)	gal.(U.S.A.)
anhydrous	anhyd.	German Patent	*GP*
approximate, -ly	approx., ca., ~	gram	g.
aqueous	aq.	greater than	>
aryl radical (in chemical formula)	Ar	halogen (in chemical formula)	Hal
asymmetric (applied to organic compounds)	*as-*	horse power	h.p.
atmosphere (pressure unit)	atm.	hour	hr.
atomic	at.	hundredweight	cwt.
atomic weight	at. wt.	hydrogen ion concentration (negative logarithm)	pH
Baumé	Bé.	inch	in.
boiling point	b.p.	inorganic	inorg.
British Patent	*BP*	insoluble	insol.
British thermal unit	B.Th.U.	iodine value	I.V.
calculated	calc.	kilocalorie	kcal.
calorie	cal.	kilogram	kg.
Centigrade	c.	lævorotatory	*lævo*, (−)-
centimetre	cm.	less than	<
compound	cpd.	logarithm (decadic)	log
concentrated	conc.	logarithm (natural)	ln
concentration	concn.	maximum	max.
configuration (carbohydrates and amino acids	D-, L-	melting point	m.p.
constant	const.	*meta-*	*m-*
containing more than *n* carbon atoms	containing $> n$ C	metre	m.
corrected	corr.	microgram	*μg.*
crystal, -line, -lised (adjective)	cryst.	micron	*μ.*
cubic	cu.	milliampere	ma.
cubic centimetre	c.c.	milligram	mg.
decomposition	decomp.	millilitre	ml.
degree of polymerisation	D.P.	millimetre	mm.
density	*d*	millimicron	*mμ.* (10A.)
derivative	deriv.	millivolt	mv.
dextrorotatory	*dextro*, (+)-	minimum	min.
dilute	dil.	minute	min.
direct current	D.C.	molar (concentration)	M. or M-
distil, -led	dist.	molecular, -e	mol.
electromotive force	e.m.f.	molecular weight	mol. wt.
equimolecular	equimol.	normal (concentration)	N. or N-
equivalent	equiv.	*normal* (organic compound)	*n-*
		normal temperature and pressure	N.T.P.
		not greater than	⩾
		not less than	⩽
		organic	org.
		ortho-	*o-*
		ounce	oz.
		para-	*p-*
		parts per million	p.p.m.
		Patent	*P*
		potential difference	p.d.
		pound	lb.
		powder	pdr.
		precipitate	ppt.
		precipitated	pptd.
		precipitation	pptn.
		proportional to	∝
		pseudo- (organic compound)	*ψ-*
		qualitative(ly)	qual.
		quantitative(ly)	quant.
		racemic (organic chemistry)	*r-*
		recrystallised	recryst.
		refractive index	*n*
		relative humidity	R.H.
		revolutions per minute	r.p.m.
		saponification value	S.V.
		saturate(d)	sat.*
		second	sec.
		secondary (organic compound)	*sec.-*
		soluble	sol.
		solution	soln.
		specific	sp.
		specific gravity	sp. gr.
		square (in., cm., etc.)	sq.
		substituted	subst.*
		substitution on nitrogen, oxygen, etc.	*N-*, *O-*, etc.
		symmetrical (organic compound)	*s-*
		temperature	temp.
		tertiary- (organic compound)	*tert.-*
		turns per inch	t.p.in.
		Twaddell	Tw.
		United States Patent	*USP*
		unsaturated	unsat.*
		unsubstituted	unsubst.*
		viscosity	*η*
		volt	v.
		volume	vol.
		watt	w.
		wavelength	*λ*
		weight	wt.
		yard	yd.

* Only in describing general formulæ in the Abstracts Section.